

RECEIVED

FORM OGC-3



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL

MAY 10 2004

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Mo Oil & Gas Council

<input checked="" type="checkbox"/> APPLICATION TO DRILL		<input type="checkbox"/> DEEPEN		<input type="checkbox"/> PLUG BACK		<input type="checkbox"/> FOR AN OIL WELL		<input checked="" type="checkbox"/> FOR GAS WELL			
NAME OF COMPANY OR OPERATOR CLEARY PETROLEUM CORPORATION						DATE 5/5/2004					
ADDRESS 2601 NW EXPRESSWAY, STE 801W						CITY OKLAHOMA CITY		STATE OK		ZIP CODE 73112	
DESCRIPTION OF WELL AND LEASE											
NAME OF LEASE HAWK						WELL NUMBER 1		ELEVATION (GROUND) 1166.4'			
WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES) 2312 FT. FROM (N) (S) SECTION LINE 1746 FT. FROM (E) (W) SECTION LINE											
WELL LOCATION SE-SW-NE 12		SECTION 12		TOWNSHIP 66N		RANGE 33W		LATITUDE N40° 32' 18.3" W		LONGITUDE 094° 34' 52.3" W	
COUNTY Worth											
NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 347 FEET											
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE N/A FEET											
PROPOSED DEPTH 1550'		DRILLING CONTRACTOR NAME AND ADDRESS WELL REFINED DRILLING CO, INC. 4270 GRAY ROAD, THAYER, KS 66776				ROTARY OR CABLE TOOLS AIR		APPROX. DATE WORK WILL START 5/17/04			
NUMBER OF ACRES IN LEASE 317		NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 0									
		NUMBER OF ABANDONED WELLS ON LEASE 0									
IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED? NAME N/A ADDRESS _____								NO. OF WELLS: PRODUCING 0 INJECTION 0 INACTIVE 0 ABANDONED 0			
STATUS OF BOND		<input checked="" type="checkbox"/> SINGLE WELL AMOUNT \$ 3000-				<input type="checkbox"/> BLANKET BOND AMOUNT \$ _____				<input type="checkbox"/> ON FILE <input checked="" type="checkbox"/> ATTACHED	
REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE; USE BACK OF FORM IF NEEDED.) GAS producing zones, if encountered, are expected at a depth no greater than 1600'											
PROPOSED CASING PROGRAM								APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEM.	AMOUNT	SIZE	WT/FT	CEM.				
250'	8 5/8"	24#	to surface	OK	OK	OK	Full length				
1540'	4 1/2"	10.5#					if				
I, the undersigned, state that I am the VICE PRESIDENT (company), and that I am authorized by said company to make this report, a direction and that the facts stated therein are true, correct, and complete to the SIGNATURE William I. Churchill											
PERMIT NUMBER 227-20004				<input checked="" type="checkbox"/> DRILLER'S LOG REQ <input checked="" type="checkbox"/> CORE ANALYSIS REQ <input type="checkbox"/> SAMPLES REQUIRED <input type="checkbox"/> SAMPLES NOT REQ <input type="checkbox"/> WATER SAMPLES RE							
APPROVED DATE 5/4/04											
APPROVED BY James R. [Signature]											
NOTE ▶ THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON											
APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE.											
I _____ of the _____ that an approved drilling permit has been obtained by the owner of this well presence of a permit number and signature of authorized council representa											
DRILLER'S SIGNATURE								DATE			

< Permit book
 < copy perm file
 < copy owner
 < db
 < Rbdms
 < file
 1 explor
 ixl 1B
 ~ 2 mi away

RECEIVED

FORM OGC-3



MISSOURI DEPARTMENT OF NATURAL RESOURCES

MISSOURI OIL AND GAS COUNCIL

MAY 10 2004

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Mo Oil & Gas Council

<input checked="" type="checkbox"/> APPLICATION TO DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> FOR AN OIL WELL <input checked="" type="checkbox"/> FOR GAS WELL			
NAME OF COMPANY OR OPERATOR CLEARY PETROLEUM CORPORATION			DATE 5/5/2004
ADDRESS 2601 NW EXPRESSWAY, STE 801W		CITY OKLAHOMA CITY	STATE OK ZIP CODE 73112
DESCRIPTION OF WELL AND LEASE			
NAME OF LEASE HAWK		WELL NUMBER 1	ELEVATION (GROUND) 1166.4'
WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES) 2312 FT. FROM (N) (S) SECTION LINE 1746 FT. FROM (E) (W) SECTION LINE			
WELL LOCATION SE-SW-NE 12	SECTION 66N	TOWNSHIP 33W	LATITUDE N40° 32' 18.3" W LONGITUDE 094° 34' 52.3" W COUNTY Worth
NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 347 FEET			
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE N/A FEET			
PROPOSED DEPTH 1550'	DRILLING CONTRACTOR, NAME AND ADDRESS WELL REFINED DRILLING CO, INC 4270 GRAY ROAD, THAYER, KS 66776		ROTARY OR CABLE TOOLS AIR APPROX. DATE WORK WILL START 5/17/04
NUMBER OF ACRES IN LEASE 317	NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 0 NUMBER OF ABANDONED WELLS ON LEASE 0		
IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED? NAME N/A ADDRESS _____		NO. OF WELLS: PRODUCING 0 INJECTION 0 INACTIVE 0 ABANDONED 0	
STATUS OF BOND	<input checked="" type="checkbox"/> SINGLE WELL AMOUNT \$ 3000-		<input type="checkbox"/> BLANKET BOND AMOUNT \$ _____ <input type="checkbox"/> ON FILE <input checked="" type="checkbox"/> ATTACHED
REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE; USE BACK OF FORM IF NEEDED.) GAS producing zones, if encountered, are expected at a depth no greater than 1500'			
PROPOSED CASING PROGRAM			
AMOUNT	SIZE	WT/FT	CEM.
250'	8 5/8"	24#	to surface
1540'	4 1/2"	10.5#	
APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEM.
I, the undersigned, state that I am the VICE PRESIDENT of the Cleary Petroleum Corporation (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.			
SIGNATURE William I. Churchill William I. Churchill		DATE 5/5/04	
PERMIT NUMBER	<input checked="" type="checkbox"/> DRILLER'S LOG REQUIRED <input checked="" type="checkbox"/> E-LOGS REQUIRED IF RUN <input checked="" type="checkbox"/> CORE ANALYSIS REQUIRED IF RUN <input checked="" type="checkbox"/> DRILL SYSTEM TEST INFO. REQUIRED IF RUN <input type="checkbox"/> SAMPLES REQUIRED <input type="checkbox"/> SAMPLES NOT REQUIRED <input type="checkbox"/> WATER SAMPLES REQUIRED AT		
APPROVED DATE			
APPROVED BY			
NOTE ► THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION.			
APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE.			
I _____ of the _____ Company confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.			
DRILLER'S SIGNATURE			DATE



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
WELL LOCATION PLAT

FORM OGC-4

OWNER

JACK & DON HAWK

LEASE NAME

HAWK # 1

COUNTY

WORTH

2312

FEET FROM

NORTH

SECTION LINE AND

1746

FEET FROM

EAST

SECTION LINE OF SEC.

12

TWP

66 N

RANGE

33 W

LATITUDE

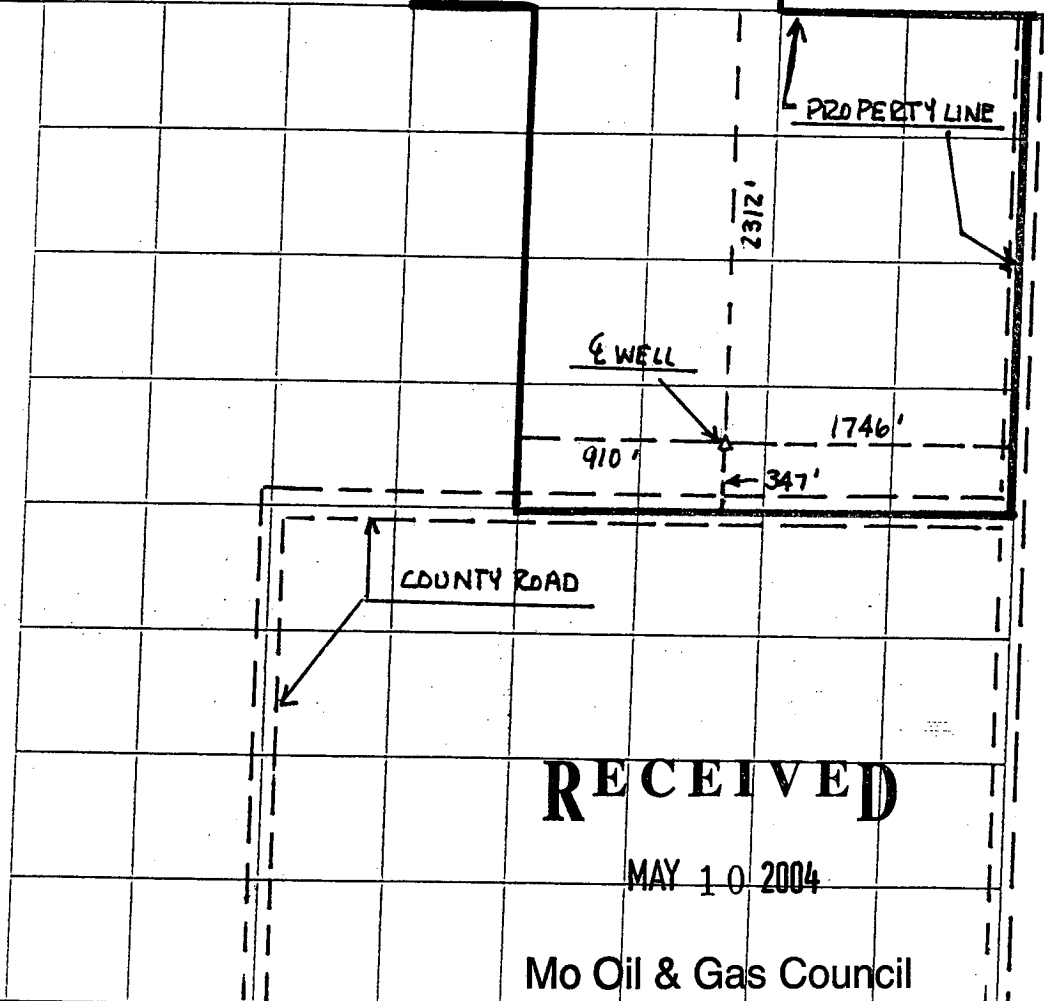
N 40° 32' 18.3"

LONGITUDE

W 094° 34' 52.3"



SCALE
1" =



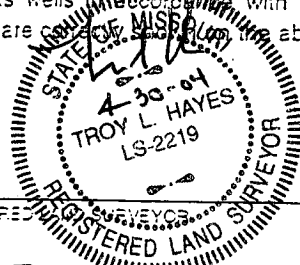
REMARKS

GROUND ELEVATION @ WELL IS 1166.4'

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.

This is to Certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correct and shown on the above plat.



(SEAL)

REMIT TWO (2) COPIES TO:
MISSOURI OIL AND GAS COUNCIL
P.O. BOX 250, ROLLA, MO 65402

REGISTERED SURVEYOR

NUMBER

Troy L. Hayes

2219



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
WELL LOCATION PLAT

FORM OGC-4

OWNER

JACK & DON HAWK

LEASE NAME

HAWK # 1

COUNTY

WORTH

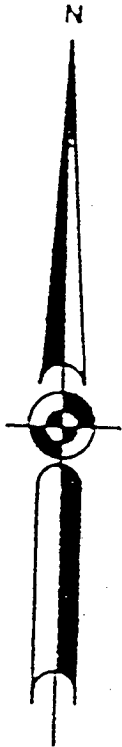
2312 FEET FROM NORTH SECTION LINE AND 1746 FEET FROM EAST SECTION LINE OF SEC. 12, TWP 66 N, RANGE 33 W

LATITUDE

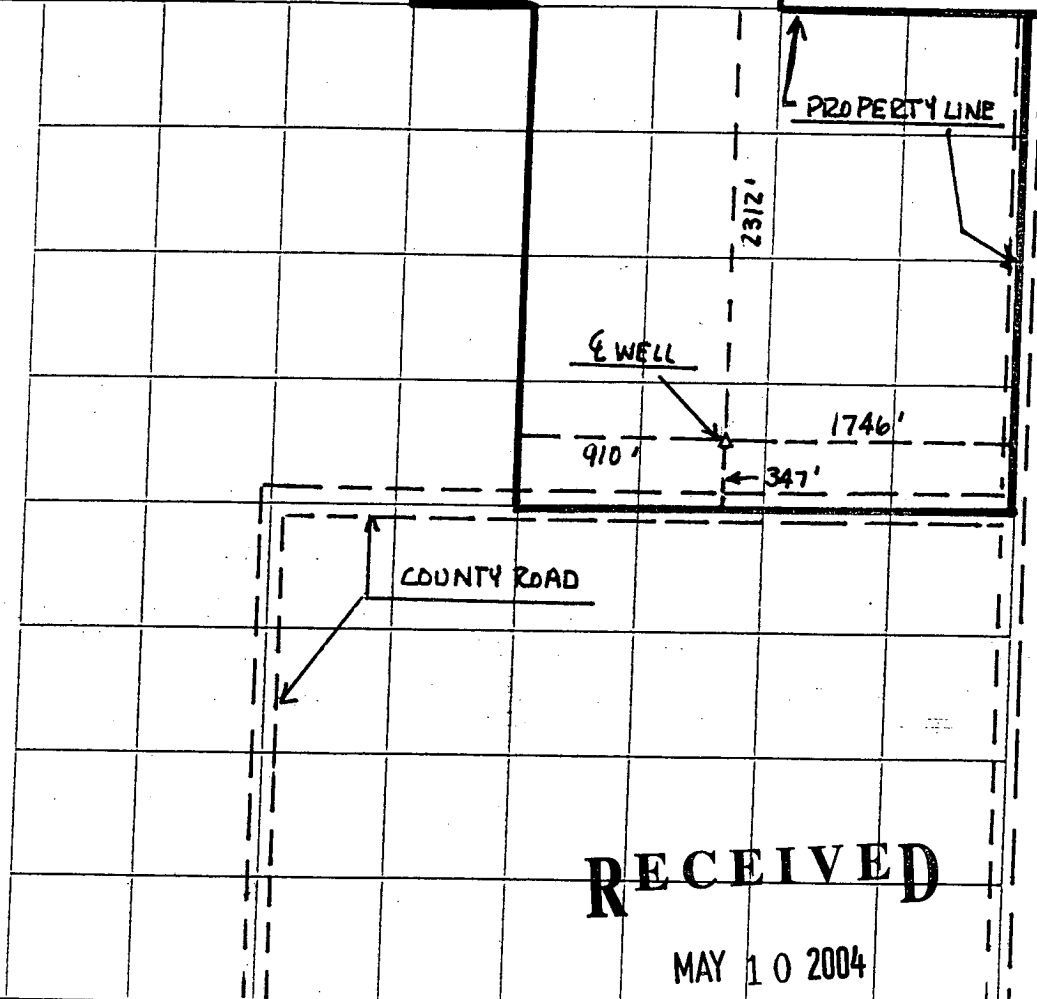
N 40° 32' 18.3"

LONGITUDE

W 094° 34' 52.3"



SCALE
1" =



RECEIVED

MAY 10 2004

REMARKS

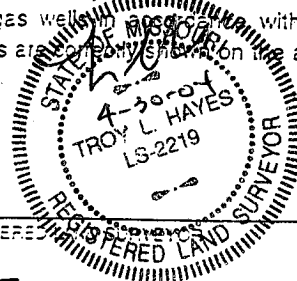
GROUND ELEVATION @ WELL IS 1166.4'

Mo Oil & Gas Council

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.

This is to Certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are shown on the above plat.



(SEAL)

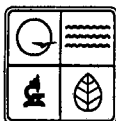
REMIT TWO (2) COPIES TO:
MISSOURI OIL AND GAS COUNCIL
P.O. BOX 250, ROLLA, MO 65402

REGISTERED

Troy L. Hayes

NUMBER

2219



STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM

FORM OGC-5

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

<input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> INJECTION <input type="checkbox"/> SAME RESERVOIR <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OIL <input type="checkbox"/> GAS <input type="checkbox"/> DRY															
OWNER Cleary Petroleum Corporation					ADDRESS 2601 N.W. Expressway, #801W, OK City, OK 73112										
LEASE NAME Hawk					WELL NUMBER 1										
LOCATION OF WELL SEC TWN RNG OR BLOCK AND SURVEY Sec. 12 Township 66 North, Range 33 <input type="checkbox"/> East <input checked="" type="checkbox"/> West ft. from <input type="checkbox"/> North <input type="checkbox"/> South ft. from <input type="checkbox"/> East <input type="checkbox"/> West								LATITUDE		LONGITUDE					
COUNTY Worth			PERMIT NUMBER (OGC-3 OR OGC-31) 227-20004												
DATE SPUDDED 7/20/2004			DATE TOTAL DEPTH REACHED 7/21/2004		DATE COMPLETED READY TO PRODUCE OR INJECT dry		ELEVATION (DF, RKR, RT, OR Gr.) FEET 1166GL		ELEVATION OF CASING HD. FLANGE FEET						
TOTAL DEPTH 1435'			PLUG BACK TOTAL DEPTH												
PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION NA					ROTARY TOOLS USED (INTERVAL) 0 TO 10 DRILLING FLUID USED AIR			CABLE TOOLS USED (INTERVAL)							
WAS THIS WELL DIRECTIONALLY DRILLED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			WAS DIRECTIONAL SURVEY MADE? <input type="checkbox"/> Yes <input type="checkbox"/> No			WAS COPY OF DIRECTIONAL SURVEY FILED? <input type="checkbox"/> Yes <input type="checkbox"/> No			DATE FILED						
TYPE OF ELECTRICAL OR OTHER LOGS RUN (JUST LOGS FILED WITH THE STATE GEOLOGIST) CND, Dill., Micro log								DATE FILED NA							
CASING RECORD															
CASING (REPORT ALL STRINGS SET IN WELL – CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCING, ETC.)															
PURPOSE		SIZE HOLE DRILLED		SIZE CASING SET		WEIGHT (LB. FT)		DEPTH SET		SACKS CEMENT		AMOUNT PULLED			
surface		12 1/4"		8 5/8"		19		341'		237'		0			
TUBING RECORD						LINER RECORD									
SIZE		DEPTH SET		PACKER SET AT		SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN	
NA INCH		FEET		FEET		INCH		FEET		FEET				FEET	
PERFORATION RECORD						ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD									
NUMBER PER FEET		SIZE AND TYPE		DEPTH INTERVAL		AMOUNT AND KIND OF MATERIAL USED				DEPTH INTERVAL					
NA															
INITIAL PRODUCTION															
DATE OF FIRST PRODUCTION OR INJECTION NA				PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING – IF PUMPING, SHOW SIZE AND TYPE OF PUMP.)											
DATE OF TEST		HOURS TESTED		CHOKE SIZE		OIL PRODUCED DURING TEST BBLS		GAS PRODUCED DURING TEST MCF		WATER PRODUCED DURING TEST BBLS		OIL GRAVITY API (CORR.)			
TUBING PRESSURE		CASING PRESSURE		CALCULATED RATE OF PRODUCTION PER 24 HOURS		OIL BBLS		GAS MCF		WATER BBLS		GAS OIL RATIO			
DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD)												<div style="font-size: 2em; font-weight: bold; transform: rotate(-5deg);">RECEIVED</div> <div style="font-size: 1.2em; font-weight: bold; margin-top: 10px;">OCT 06 2005</div>			
METHOD OF DISPOSAL OF MUD PIT CONTENTS Dry															
CERTIFICATE: I, the Undersigned, state that I am the <u>Consulting Engineer</u> of the <u>Cleary Petroleum Corporation</u> (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.															

Mo Oil & Gas Council

DATE	SIGNATURE
9/29/2005	<i>Kenton Hupp</i>

MO 780-0215 (09-01)

(REV 9-01)

INSTRUCTIONS: Attach drillers log or other acceptable log of well.

- * Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

DETAIL OF FORMATIONS PENETRATED

FORMATION	TOP	BOTTOM	DESCRIPTION (SEE * ABOVE)
-----------	-----	--------	---------------------------

RECEIVED

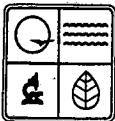
OCT 06 2005

Mo Oil & Gas Council



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
NOTICE OF INTENTION TO ABANDON WELL

NAME OF LEASE HAWK		DATE 7-16-2005	
WELL NUMBER 1	LOCATION 2312 FEET FROM (N) SECTION LINE AND 1746 FEET FROM (E) SECTION LINE OF		
SECTION 12	TOWNSHIP 66N	RANGE 33W	COUNTY WORTH
THE ELEVATION OF THE GROUND AT WELL SITE IS 1166 FEET ABOVE SEA LEVEL		PERMIT NUMBER (OGC-3 OR OGC-3I NUMBER) 227-20004	
NAME OF CONTRACTOR OR COMPANY THAT WILL DO WORK IS: TO BE DETERMINED			
ADDRESS		CITY	STATE ZIP CODE
DETAILS OF WORK (INDICATE SIZE, KIND, AND DEPTH OF PLUGS, WHERE CASING WILL BE PULLED, OTHER PERTINENT DETAILS)			
<ol style="list-style-type: none">1). WASH WELL DOWN USING BIT AND 2 3/8" WORKSTRING TO TOP OF MISSISSIPPI PLUS 20'. CIRCULATE WITH BENTONITE MUD.2). SPOT 50' OF CEMENT.3). PULL BIT UP TO 8 5/8" CASING BOTTOM PLUS 20'.4). SPOT 50' OF CEMENT.5). PULL BIT UP TO GROUND LEVEL PLUS 50'.6). SPOT 50' OF CEMENT.7). WASH OUT TOP 3' INSIDE 8 5/8" CASING.8). CUT OFF TOP 3' OF 8 5/8" CASING.9). SPOT TWO SACKS OF CEMENT OVER TOP OF CASING.10). BACK FILL AND RESTORE LOCATION. <p>MISSISSIPPI TOP 1356' 8 5/8" CSA 341'</p>			
<div style="text-align: right;">RECEIVED AUG 05 2005 Mo Oil & Gas Council</div>			
CERTIFICATE: I, the undersigned, state that I am the <u>CONSULTING ENGINEER</u> of the <u>CLEARY PETROLEUM CORP.</u> (company), and that I am authorized to make this report; and that this report was prepared under my supervision and direction and that the facts stated herein are true, correct, and complete to the best of my knowledge.			
SIGNATURE <i>Kenton Hupp</i>		DATE 7/16/2005	



STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM
PLUGGING RECORD

FORM OGC-7

OWNER'S NAME Cleary Petroleum Corporation		ADDRESS 2601 N.W. Expressway, #801 W, OK City, OK 73112	
NAME OF LEASE Hawk		WELL NUMBER 1	PERMIT NUMBER (OGC-3 OR OGC-31 NUMBER) 227-20004
LOCATION OF WELL SEC TWN RNG OR BLOCK AND SURVEY Sec. 12 Township 66 North Range 33 <input type="checkbox"/> East <input checked="" type="checkbox"/> West		LATITUDE	LONGITUDE
		COUNTY Worth	
APPLICATION TO DRILL THIS WELL WAS FILED IN NAME OF: Same	HAS THIS WELL EVER PRODUCED OIL OR GAS? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHARACTER OF WELL AT COMPLETION (INITIAL PRODUCTION) OIL (BBL/DAY) GAS (MCF/DAY)	
DATE OF ABANDONMENT 9/6/2005	TOTAL DEPTH 1435	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBL/DAY) GAS (MCF/DAY)	
		WATER (BBL/DAY) 0	

Name of each formation containing oil or gas. Indicate which formation open to well bore at time of abandonment	Fluid content of each formation	Depth interval of each formation	Size, kind, and depth of plugs used, giving amount of cement.
Miss	SW	1356	20 sacks 50/50 POZ
Surface Casing	NA	341	20 sacks 50/50 POZ
Surface Casing	NA	0	20 sacks 50/50 POZ
Cut Off 8 5/8"	4' below GL and weld	on steel plate.	

SIZE PIPE	PUT IN WELL (FT)	PULLED OUT (FT)	LEFT IN WELL (FT)	GIVE DEPTH AND METHOD OF PARTING CASING (SHOT, RIPPED, ETC.)	PACKERS AND SHOES
8 5/8"	341	0	341		

WAS WELL FILLED WITH MUD-LADEN FLUID? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	INDICATE DEEPEST FORMATION CONTAINING FRESH WATER NA
--	--

NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE		
NAME	ADDRESS	DIRECTION FROM THIS WELL
NA		

METHOD OF DISPOSAL OF MUD PIT CONTENTS Dry and backfill	RECEIVED OCT 06 2005
NOTE FILE THIS FORM IN DUPLICATE WITH: (USE REVERSE SIDE FOR ADDITIONAL DETAIL)	

CERTIFICATE I, the undersigned, state that I am the Consulting Engineer of the Cleary Petroleum Corporation (Company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Keaton Hupp

9/29/05

Mo Oil & Gas Council

DETAIL OF FORMATIONS PENETRATED

FORMATION	TOP	BOTTOM	DESCRIPTION (SEE * BELOW)
Glacial Till		307'	
KC	522'		
Marm.	624'		
Miss.	1356'		
TD	1435'		

RECEIVED

OCT 06 2005

Mo Oil & Gas Council

MISSOURI SAMPLE WELL-LOG LIBRARY SEARCH OF TOWNSHIP 66 N AND RANGE 33 W

LOG #	STATE	COUNTY	SECT	QTR3	QTR2	QTR1	TD	ELEV	FORMATION AT TOP	FORMATION AT BOTTOM	OWNER
018017	MO	NODAWAY	06	NW of NW	of NW	95	1120	PENNSYLVANIAN SYSTEM	PENNSYLVANIAN SYSTEM	PENNSYLVANIAN SYSTEM	Missouri Geological Survey
017726	MO	NODAWAY	28	SW of SW	of SW	117	1141	PENNSYLVANIAN SYSTEM	PENNSYLVANIAN SYSTEM	PENNSYLVANIAN SYSTEM	Missouri Geological Survey
017725	MO	NODAWAY	28	SE of SE	of SE	142	1144	PENNSYLVANIAN SYSTEM	PENNSYLVANIAN SYSTEM	PENNSYLVANIAN SYSTEM	Missouri Geological Survey
017728	MO	NODAWAY	30	SW of SW	of SW	128	1167	PENNSYLVANIAN SYSTEM	PENNSYLVANIAN SYSTEM	PENNSYLVANIAN SYSTEM	Missouri Geological Survey
017727	MO	NODAWAY	31	NE of NE	of NE	42	1075	PENNSYLVANIAN SYSTEM	PENNSYLVANIAN SYSTEM	PENNSYLVANIAN SYSTEM	Missouri Geological Survey
014909	MO	WORTH	01	SW of SW	of NW	161	1043	PENNSYLVANIAN SYSTEM	PENNSYLVANIAN SYSTEM	PENNSYLVANIAN SYSTEM	Missouri Geological Survey #
014873	MO	WORTH	03	NW of NE	of SE	189	1175	PENNSYLVANIAN SYSTEM	PENNSYLVANIAN SYSTEM	PENNSYLVANIAN SYSTEM	Missouri Geological Survey #
014756	MO	WORTH	35	S2 of SW	of SE	175	1123	PENNSYLVANIAN SYSTEM	PENNSYLVANIAN SYSTEM	PENNSYLVANIAN SYSTEM	Missouri Geological Survey #

DNR

MISSOURI SAMPLE WELL-LOG LIBRARY

DGLS

LOG NUMBER

014909

OWNER: Missouri Geological Survey #372

PLUGGED ☐ CONFIDENTIAL? ☐ 0 RELEASE DATE:

WELL TYPE: WATER TEST WELL (HOLE)

DRILLER: Cullum & Brown

LEASENAME:

DRILL DATE: 1956/08/08 PERMIT #:

LOGGER: Pick, H.

LOGDATE:

TYPE OF LOG: S SAMPLE SAVED? 00

ELEVATION: 1043 BASE: S BEDROCK @ 157 FEET

TOTAL DEPTH: 161 INTERVAL CORED: 0 TO 0

YIELD: 1-10 DRAWDOWN:

STATIC WATER LEVEL BEFORE: AFTER:

TOP FORMATION: PENNSYLVANIAN SYSTEM

BOTTOM FORMATION: PENNSYLVANIAN SYSTEM

REMARKS:

MISSOURI , COUNTY: Worth

SECTION: 01 TOWNSHIP: 66 N RANGE 33 W

SW of SW of NW

LATITUDE: 40.55264

LONGITUDE: -94.59272

QUAD NAME: SHERIDAN

OTHER DATABASES:

ID NUMBER:

DATABASE 2:

ID NUMBER:

DATABASE 3

ID NUMBER

WATER AT: 60-80'

CONSTRUCTION DATA

DEPTH: <input type="text"/>	DIAMETER <input type="text"/>	CASING MATERIAL <input type="text"/>	DATE PLUGGED: <input type="text"/>	DATE ABANDONED: <input type="text"/>
CASING: <input type="text"/>			Plug Depth TOP: <input type="text"/>	Plug Depth Bottom: <input type="text"/>
I/O: <input type="text"/>			GROUTING: <input type="text"/>	
SIZE HOLE: <input type="text"/>				

PUMP:	Capacity <input type="text"/>	Pump Type <input type="text"/>	Set at: Total Depth: <input type="text"/>	Screen Type: <input type="text"/>	Size: <input type="text"/>	Length: <input type="text"/>	Slot: <input type="text"/>
-------	-------------------------------	--------------------------------	---	-----------------------------------	----------------------------	------------------------------	----------------------------

Well Treatment:	Type Devised: <input type="text"/>	Perforation Interval: <input type="text"/>	Tube Pressure: <input type="text"/>
	Type of Completion: <input type="text"/>	Top: <input type="text"/>	<input type="text"/>
Oil Production: <input type="text"/>	Gas Production: <input type="text"/>	Bottom: <input type="text"/>	<input type="text"/>

Water Analysis:

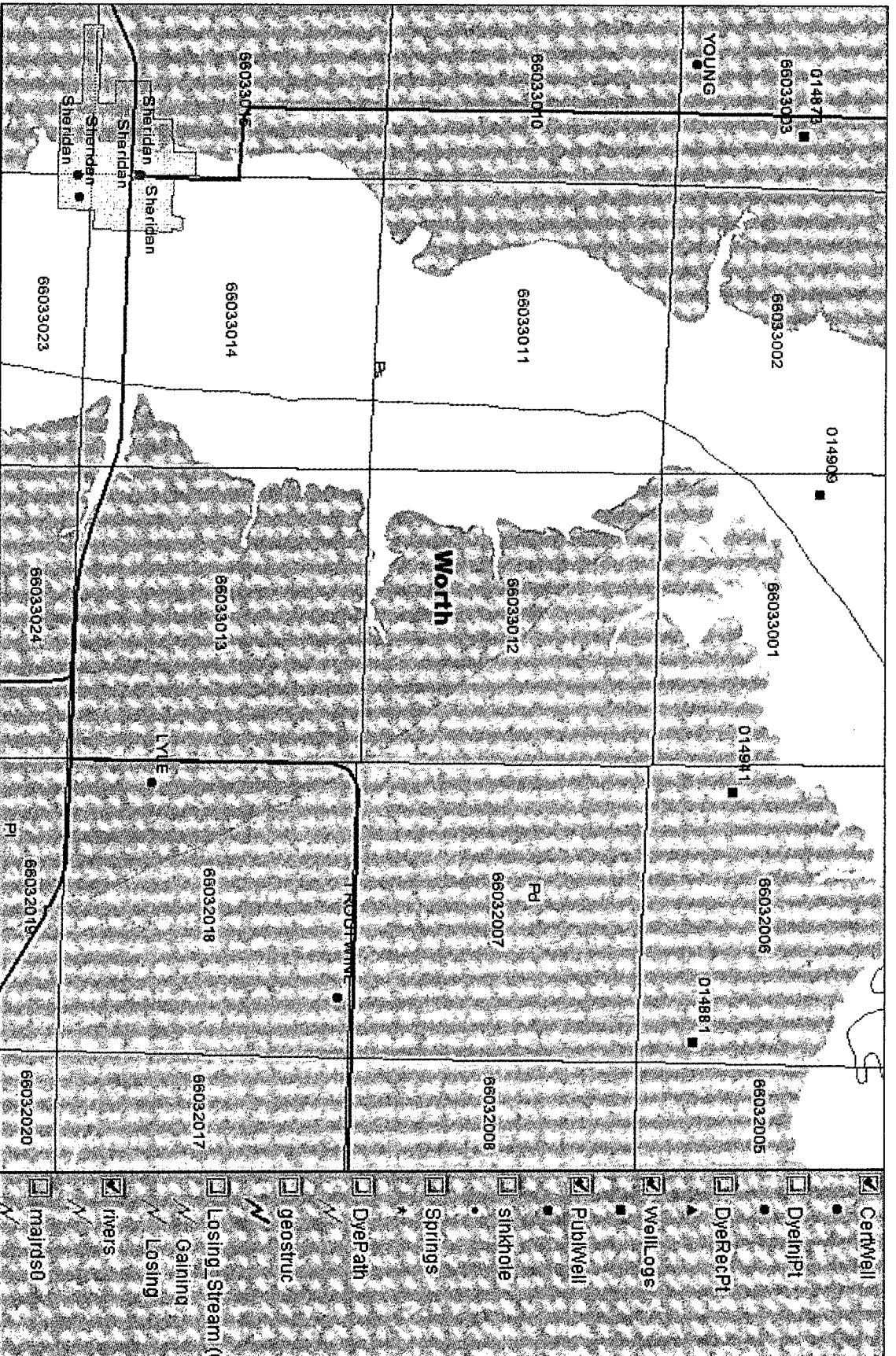
OPEN FORMATIONS	Top Formation: <input type="text"/>
	Bottom Formation: <input type="text"/>

LOG NUMBER

014909

STRATIGRAPHY

TOP	BOT	FORMATION NAME	LITHOLOGY			MINERALS			
			PRIMARY	SECONDARY	MINOR	PRIMARY	occ.	SECONDAR	occ.
0	5	SOIL	CLAY				0		0
5	157	DRIFT	SAND	CLAY	GRAVEL		0		0
157	161	PENNSYLVANIAN SYSTEM	SHALE				0		0
161	161	TOTAL DEPTH					0		0



1" = 2452

COUNTY:	WORTH	API:	24	227	20004	Procedure Dates:	
COMPANY NAME:	CLEAR PETROLEUM CORPO	COMPANY NUMBER:	C1016			DATE APPROV:	5/11/2004
LEASENAME:	HAWK	WELL NUMBER:	1			CAN DT:	
WELL ORDER:		ORIGINAL OPERATOR:				SPUD DATE:	July 20, 2004
WELL TYPE:	2	WELL STATUS:	UC			COMPL DT:	2/04
		BONDED Y/N:				PLUG DT:	
TOWNSHIP:	66	RANGE:	33	SECTION:	12		
SURVEYLOC1:	2312 FNL	SURVEYLOC2:	1746 FEL				
LATITUDE:	40	32	18	LONGITUDE:	94	34	52
PROPOSED TD:	1550	ACTUAL TD:	1435	LOC DEPTH:	1437	ELEVATION:	1166
PERF INT:		LOG TYPE:	Comp Nura Inst. Micro Log. Dual Induction				
IP:		SPL LOG:					
GRAVITY:		GOR:		PROD FORM:			
MIT 1:		MIT 2:		MIT 3:		MIT 4:	
WIT 1:		WIT 2:		WIT 3:		WIT 4:	
MIT COMMENT:							
INSP 1:		INSP 2:		INSP 3:		LAST MIT:	
COMMENT:							

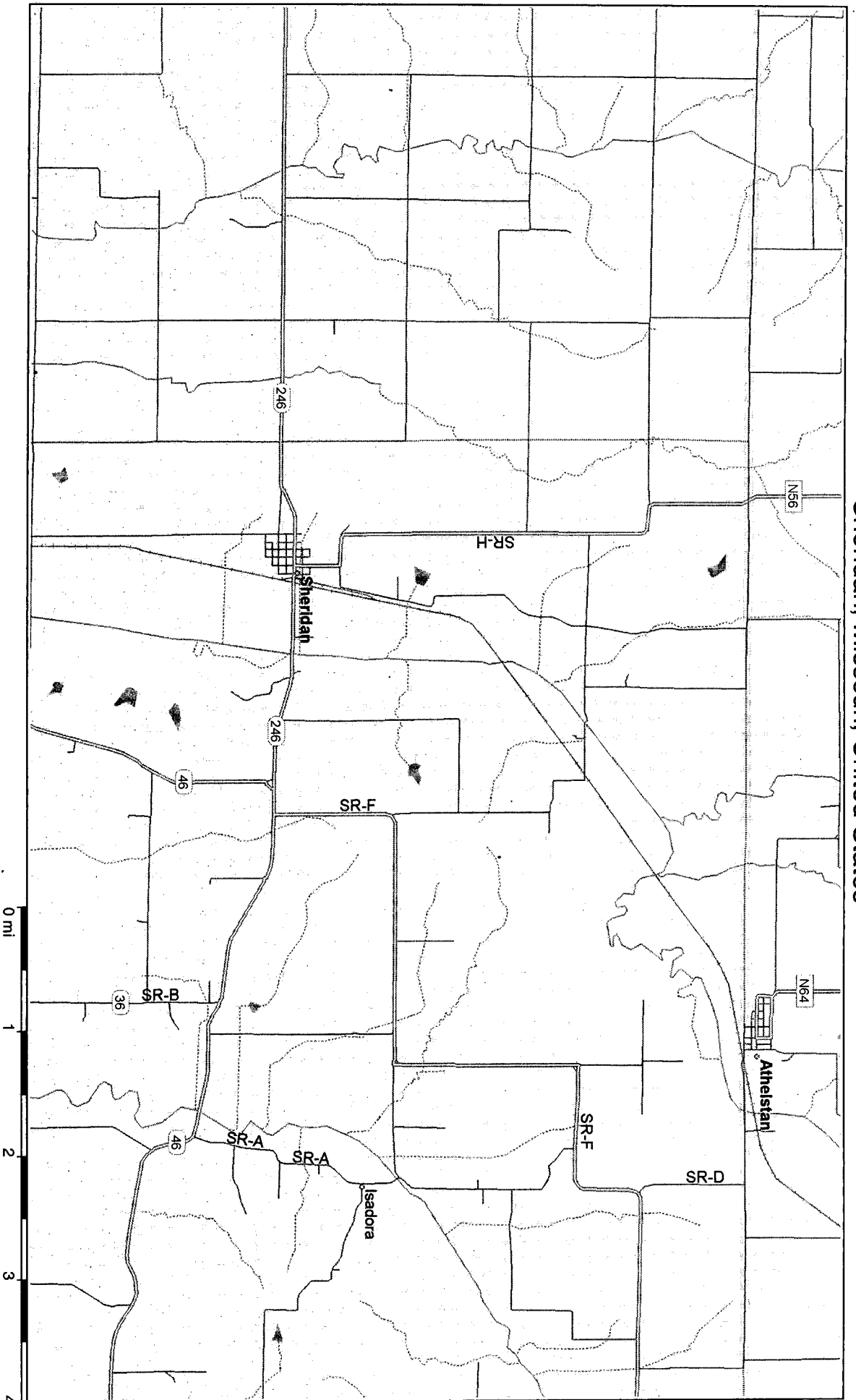
Hawk ± 12

OGC	1	✓	40	32	18	5
	2	✓	94	34	8	32.2
	3	✓			9	
	4	✓			10	
	5				11	
	6				12	

Farth Well Services - KS

Shawn'dan

Sheridan, Missouri, United States



The map displays the Sheridan area with various roads and landmarks. A dashed line indicates a proposed route, and a shaded area highlights a specific location. A small 'X' marks a point on the route. The map includes labels for 'SR-H', 'SR-F', and 'Sheridan'.